

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **FLIP CHIP SUBSTRATE DESIGN** the specification of which ____ is attached hereto or X was filed on **July 19, 2000** as Application No. **09/619,115** and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

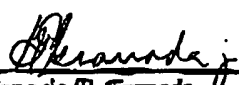
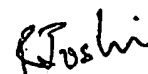

Kevin T. LeMond, Reg. No. 35,933
Babak S. Sani, Reg. No. 37,495

Send Correspondence to: Kevin T. LeMond TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Kevin T. LeMond Reg. No.: 35,933 Telephone: 415-576-0200
--	--

Attorney Docket No.: 18565-004400U
 Client Reference No.: 17732-14C

Full Name of Inventor 1:	Last Name: GRANADA	First Name: HONORIO JR.	Middle Name or Initial: T.
Residence & Citizenship:	City: CEBU City	State/Foreign Country: Philippines	Country of Citizenship: Philippines
Post Office Address:	Post Office Address: 185-C Sanciaogko St.	City: CEBU City	State/Country: Philippines
Full Name of Inventor 2:	Last Name: JOSHI	First Name: RAJEEV	Middle Name or Initial:
Residence & Citizenship:	City: Cupertino	State/Foreign Country: California	Country of Citizenship: India
Post Office Address:	Post Office Address: 10168 Colby Ave.	City: Cupertino	State/Country: California
Full Name of Inventor 3:	Last Name: TANGPUZ	First Name: CONNIE	Middle Name or Initial:
Residence & Citizenship:	City: Lapulapu City, CEBU	State/Foreign Country: Philippines	Country of Citizenship: Philippines
Post Office Address:	Post Office Address: 318 Pasance Road, PAJO	City: Lapulapu City, CEBU	State/Country: Philippines
			Postal Code: 6015

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 	Signature of Inventor 2 	Signature of Inventor 3 
Honorio T. Granada	Rajeev Joshi	Connie Tangpuz
Date Nov. 7, 2000	Date Nov. 9, 2000	Date

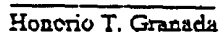
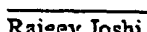
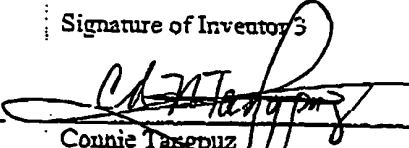
SF 1143380 v1

Attorney Docket No.: 18865-00440015

Client Reference No.: 17732-1400

Full Name of Inventor 1:	Last Name: GRANADA	First Name: HONORIO	Middle Name or Initial: T.
Residence & Citizenship:	City: CEBU City	State/Foreign Country: Philippines	Country of Citizenship: Philippines
Post Office Address:	Post Office Address: 185-C Sanciangko St.	City: CEBU City	State/Country: Philippines Postal Code:
Full Name of Inventor 2:	Last Name: JOSHI	First Name: RAJEEV	Middle Name or Initial:
Residence & Citizenship:	City: Cupertino	State/Foreign Country: California	Country of Citizenship: India
Post Office Address:	Post Office Address: 10168 Colby Ave.	City: Cupertino	State/Country: California Postal Code: 95014
Full Name of Inventor 3:	Last Name: TANGPUZ	First Name: CONNIE	Middle Name or Initial:
Residence & Citizenship:	City: Lapulapu City, CEBU	State/Foreign Country: Philippines	Country of Citizenship: Philippines
Post Office Address:	Post Office Address: 318 Pasance Road, PAJO	City: Lapulapu City, CEBU	State/Country: Philippines Postal Code: 6015

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
Honorio T. Granada	Rajeev Joshi	Connie Tangpuz
Date	Date	Date 2/14/01

SF 1143360 v1